System and Method for Providing a **Browser-Based User Interface** Attorney Docket: 8233-10 DATA MARTS OLAP CUBES -36 DATA WAREHOUSE SERVER USER INTERFACE BROWSER ~32c MEMORY CPU CLIENT COMPUTER **5**2g 300 50g MEMORY CPU **23g** RELATIONAL -35 DATA **23c** RELATIONAL DATABASE SERVER 200 52c-~32b MEMORY USER INTERFACE CPU BROWSER **50f 52f** -23b CLIENT COMPUTER **23f** NETWORK 30b <u>77</u> -23e MEMORY OBJECTS REPORTS /OTHER CPU BUSINESS -34 REPORTING SERVER 52b~ <u>2</u>06 7 ~32a MEMORY 50e CPU BROWSER USER INTERFACE 23d 25 CLIENT COMPUTER 30<u>a</u> **APPLICATION** BUSINESS LOGIC -33 MEMORY CPU SERVER WEB 50g-MEMORY 50d CPU **52d**

Serial No. Not Yet Assigned

Inventors: Gregory E. ALDRIDGE

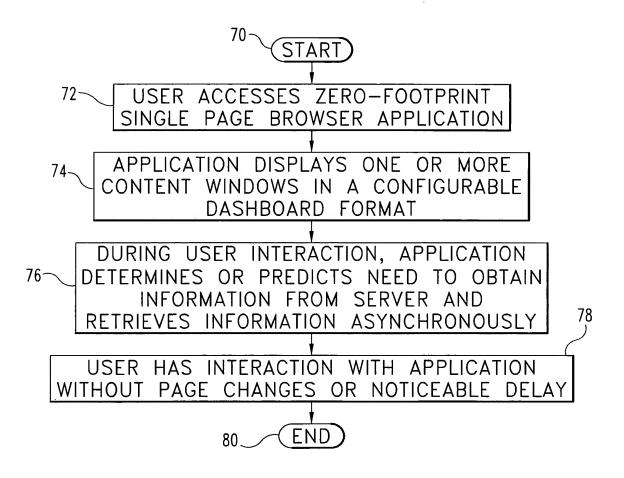


Fig. 2

System and Method for Providing a **Browser-Based User Interface** Attorney Docket: 8233-10 90 -START USER REQUESTS ZERO-FOOTPRINT SINGLE PAGE 91_ BROWSER APPLICATION USING A CLIENT COMPUTER WEB SERVER RECEIVES REQUEST 92~ AND RUNS SERVER PAGE 93 — SERVER PAGE RETRIEVES DATA FROM ONE OR MORE SERVERS SERVER PAGE GENERATES A SINGLE WEB PAGE FOR THE USER INTERFACE 95 SERVER SENDS SINGLE PAGE TO CLIENT COMPUTER WEB FOR DISPLAY IN MULTIPLE CONTENT WINDOWS A USER-INITIATED OR SYSTEM-INITIATED 96-EVENT REQUIRES INFORMATION FROM ONE OR MORE SERVERS DOCUMENT IN A HIDDEN FRAME OF THE 97-SINGLE PAGE MAKES ASYNCHRONOUS CALL TO APPROPRIATE BUSINESS LOGIC ON SERVER 100 98-USER CAN CONTINUE NO **ASYNCHRONOUS** USING APPLICATION CALL FINISHED? WHILE ASYNCHRONOUS CALL EXECUTES YES RESULTS ARE DISPLAYED OR USED 102~ IN SINGLE PAGE WITHOUT CHANGING TO ANOTHER PAGE END 104 Fig. 3

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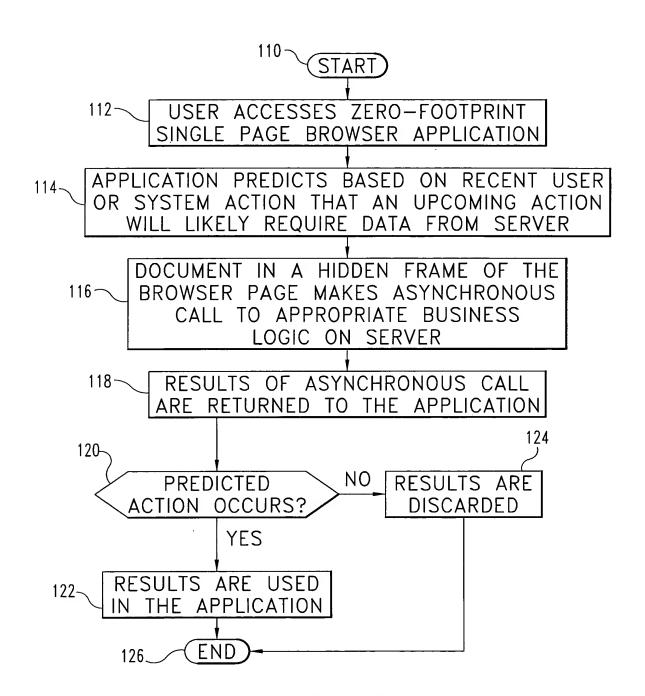


Fig. 4

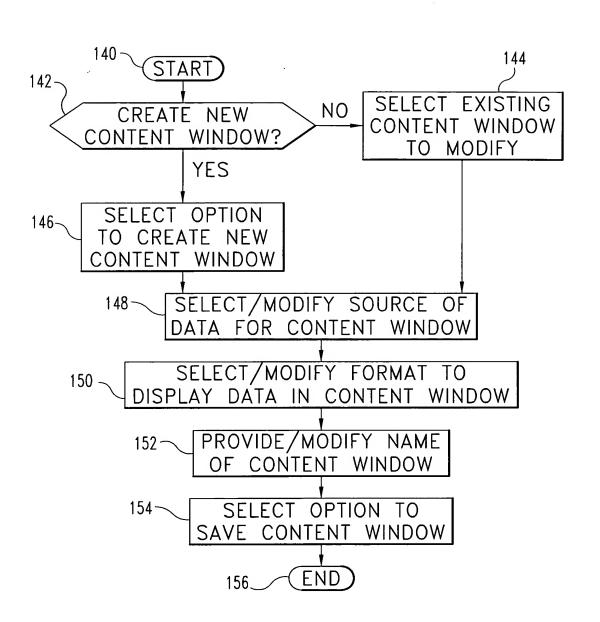


Fig. 5

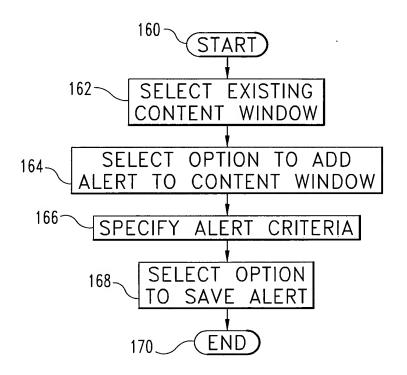


Fig. 6

